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IDENTIFIERS \*AGRICOLA

## ABSTRACT

This bibliography contains 159 entries related to information dissemination in rural areas and the role of rural libraries in accessing information. The entries were derived from the AGRICOLA database produced by the National Agriculture Library (United States Department of Agriculture) and cover such topics as information needs in rural communities, library and information services, related rural extension activities, data needs for rural development, and new technology. Citations in this bibliography were entered in the AGRICOLA database between 1979 and 1992. Each entry includes title, author, publisher, publication date, journal, language, descriptors, and the National Agriculture Library call number. Also included are indexes by author and subject and information about interlibrary loan from the National Agriculture Library. (LP)

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ISSN: 1052-5378

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# Information Access in Rural America

January 1979 - September 1991

QB 92-18

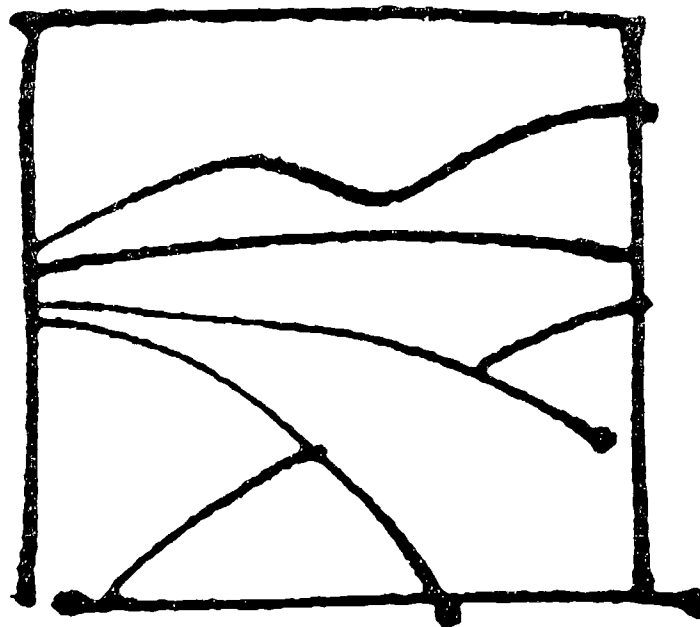
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The author/searcher determines the purpose, length, and search strategy of the Quick Bibliography. Information regarding these is available upon request from the author/searcher.

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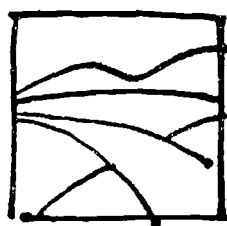
# **Information Access in Rural America**

**January 1979 - September 1991**

**Quick Bibliography Series: QB 92-18**

**159 citations from AGRICOLA**

**Patricia La Caille John  
Rural Information Center**



**Rural  
Information  
Center**

### **National Agricultural Library Cataloging Record:**

John, Patricia La Caille

Information access in rural America.

(Quick bibliography series ; 92-18)

1. Community information services -- United States -- Bibliography. I. Title.

aZ5071.N3 no.92-18

# Rural Information Center

National Agricultural Library  
U.S. Department of Agriculture  
Beltsville, Maryland 20705

The **Rural Information Center (RIC)** is a joint project of the Extension Service and the National Agricultural Library (NAL). RIC provides information and referral services to local government officials, community organizations, health professionals and organizations, cooperatives, libraries, businesses, and rural citizens working to maintain the vitality of America's rural areas. The Center combines the technical, subject-matter expertise of Extension's nationwide educational network with the information specialists and resources of the world's foremost agricultural library.

The Office of Rural Health Policy in the Department of Health and Human Services (DHHS) and the NAL jointly created a Rural Information Center Health Service (RICHS) as part of the RIC. RICHS collects and disseminates information on rural health issues, research findings related to rural health, and innovative approaches to the delivery of rural health care services.

## SERVICES:

**Provide** customized information products to specific inquiries including assistance in economic revitalization issues; local government planning projects; rural health issues; funding sources; and other related issues for the purpose of monitoring the quality of rural life.

**Process** a broad array of general and funding information requests on such topics as:

- Successful strategies, models, and case studies of community development projects
- Small business attraction, retention, and expansion
- Tourism promotion and development
- Recycling programs
- Community water quality
- Technology transfer to rural areas
- Closure, restructuring and diversification of rural hospitals and clinics
- Agricultural health and safety
- Health programs, services, personnel issues
- State initiatives concerning rural health delivery issues

**Refer** users to organizations or experts in the field who can provide additional information.

**Perform** brief database searches of requested topics on a complimentary basis.

**Furnish** bibliographies and Rural Information Center Publication Series titles.

**Identify** current USDA and DHHS research and Cooperative Extension Systems programs.

## ACCESS:

\* Telephone

1-800-633-7701 (nationwide) or 1-301-504-5547

\* Mail

Rural Information Center  
National Agricultural Library, Room 304  
Beltsville, MD 20705-2351

\*Electronic Mail through BITNET/INTERNET (NALRIC@ASPR.ARSUSDA.GOV)

\*NAL Bulletin Board (RIC/RICHS Conference) 1-301-504-6510



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Filling requests for materials readily available from other sources diverts NAL's resources and diminishes its ability to serve as a national source for agricultural and agriculturally related materials. Therefore, NAL is viewed as a library of last resort. Submit requests first to local or state library sources prior to sending to NAL. In the United States, possible sources are public libraries, land-grant university or other large research libraries within a state. In other countries submit requests through major university, national, or provincial institutions.

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The following materials are not available for loan: serials (except USDA serials); rare, reference, and reserve books; microforms; and proceedings of conferences or symposia. Photocopy or microform of non-circulating publications may be purchased as described below.

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#### SYSTEM ADDRESS CODE

ALANET .....ALA1031 (SYSTEM 41)  
INTERNET .....LENDINGBR@ASRR.ARSUSDA.GOV  
EASYLINK .....62031265  
ONTYME .....NAL/LB  
SprintMail .....NALLENDING  
TWX/TELEX.....Number is 710-828-0506 NAL LEND. This number may only be used for  
.....ILL requests.  
DIALCOM .....All System57 users - access NAL via ALANET (System 41)  
FTS2000.....A12NALLEND  
OCLC .....NAL's symbol AGL need only be entered once, but it must be the last entry  
.....in the Lender string. Requests from USDA and Federal libraries may contain  
.....AGL anywhere in the Lender String.

### SAMPLE ELECTRONIC MAIL REQUEST

AG University/NAL ILLRQ 231 9/1/91 NEED BY: 10/1/91

Interlibrary Loan Department  
Agriculture University  
Heartland, IA 56789

Dr. Smith Faculty Ag School

Canadian Journal of Soil Science 1988 v 68(1): 17-27  
DeJong, R. Comparison of two soil-water models under semi-arid growing  
conditions  
Ver: AGRICOLA  
Remarks: Not available at IU or in region.  
NAL CA: 56.8 C162

Auth: C. Johnson CCL Maxcost: \$15.00

MORE

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2. Provide complete citation including verification, etc.
3. Provide authorizing official's name (request will be rejected if not included).
4. Include statement of copyright compliance if applicable.
5. Indicate willingness to pay applicable charges.
6. Include NAL call number if available.

Contact the Document Delivery Services Branch at (301) 344-3503 if additional information is required.



## **AGRICOLA**

Citations in this bibliography were  
entered in the AGRICOLA  
database between January 1979  
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## SAMPLE CITATIONS

Citations in this bibliography are from the National Agricultural Library's AGRICOLA database. An explanation of sample journal article, book, and audiovisual citations appears below.

### Journal Article:

*Title*  
Arizona meets fast food marketing challenge.

*Author* — Morrison, S. B. *Publisher* — Denver, Colo. : American School Food Service Association. *Journal Title* — School foodservice

*Place of Publication* — journal. *Date* — Sept 1987. *Volume* — v. 41 (8). *Issue* — p. 48-50. *Pages* — ill. (NAL Call No.: DNAL 389 8.SCH6). *NAL Call Number*

### Book:

*Title*  
Exploring careers in dietetics and nutrition /by June Kozak Kane.

*Author* — Kane, June Kozak. *Publisher* — New York : Rosen Pub. Group, 1987. *Date* — Includes index. xii, 133 p. : ill. ;

*Place of Publication* — 22 cm. Bibliography: p. 126. (NAL Call No.: DNAL RM218.K36 1987). *NAL Call Number* *Total no. of Pages*

### Audiovisual:

*Title*  
All aboard the nutri-train.

*Author* — Mayo, Cynthia. *Place of Publication* — Richmond, Va. : Richmond Public Schools, 1981. *Publisher* — NET funded. *Date* — Activity

*Media Format* — packet prepared by Cynthia Mayo. 1 videocassette (30 min.) : sd., col. ; 3/4 in. + activity

*Length* — packet. (NAL Call No.: DNAL FNC TX364.A425 F&N AV). *NAL Call Number* *Description (sound, color, size)*

## INFORMATION ACCESS IN RURAL AMERICA

### SEARCH STRATEGY

#### Line Command

1. ss (rural or nonmetro?)/ti,de,eng
2. ss ((small) (ln) (town? or communit? or city or cities))/ti,de,eng
3. ss ((information) (w) (center? or service? or societ? or gap?)/ti,de,eng
4. ss (librar? or bookmobile? or book?(ln)mail)/ti,de,eng
5. ((information) (ln) (technolog? or telecommunicat? or delivery or access or flow? or need? or exchange? or age))/ti,de,eng
6. ss (s1 or s2)
7. ss (s3 or s4 or s5)
8. ss (s6 and s7)

## INFORMATION ACCESS IN RURAL AMERICA

- 1 NAL Call No: Z675.V7R8  
**Adolescent reading: a study of twelve rural Pennsylvania towns.**  
 Willits, H.W.; Willits, F.K.  
 Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1990.  
 Rural libraries v. 10 (2): p. 61-70; 1990. Includes references.  
*Language:* English  
*Descriptors:* Pennsylvania; Adolescents; Reading; Libraries; Information services; Rural areas; Public services; Sex differences; Parents; Occupational status
  
- 2 NAL Call No: HT401.R94  
**Appalachia in the information age: a new chance for change?**  
 Carter, M.V.; Osbourne, G.L.  
 University Park, Pa. : Rural Sociological Society; 1987 Jan.  
 The Rural sociologist v. 7 (1): p. 38-43; 1987 Jan. Includes references.  
*Language:* English  
*Descriptors:* U.S.A.; Rural areas; Diffusion of information; Economic impact; Poverty; Technical progress; Innovations; Literature reviews
  
- 3 NAL Call No: HD101.S6  
**Assessing the impacts of technology on southern agriculture and rural communities.**  
 Ghebremedhin, T.G.  
 Experiment, Ga. : The Association; 1988 Jul.  
 Southern journal of agricultural economics - Southern Agricultural Economics Association v. 20 (1): p. 45-52; 1988 Jul. Includes references.  
*Language:* English  
*Descriptors:* South central states of U.S.A.; South eastern states of U.S.A.; Agricultural structure; Structural change; Biotechnology; Technical progress; Rural communities; Information services; Productivity; Agricultural production; Rural areas; Small farms; Large farms; Economic impact
  
- 4 NAL Call No: Z675.V7V38  
**Assessing the information needs of rural Americans.**  
 Vavrek, Bernard  
 Clarion University of Pennsylvania, Center for the Study of Rural Librarianship  
 Clarion, Pa. : College of Library Science, Clarion University of Pennsylvania; 1990.  
 78 p. : ill. ; 28 cm. Includes bibliographical references (p. 38-41).  
*Language:* English  
*Descriptors:* Public libraries; Rural libraries
  
- 5 NAL Call No: Z678.88.V38  
**Assessing the information needs of rural Pennsylvanians. (Assessing rural information needs.)**  
 Vavrek, Bernard  
 Clarion University of Pennsylvania, Center for the Study of Rural Librarianship  
 Clarion, Pa. : College of Library Science, Clarion University of Pennsylvania; 1990.  
 39 p. : ill. ; 28 cm. Cover title: Assessing rural information needs. Includes bibliographical references (p. 27-28).  
*Language:* English  
*Descriptors:* Public libraries; Pennsylvania; Use studies; Rural libraries; Pennsylvania
  
- 6 NAL Call No: Z680.3.A77 1988  
**Assessment checklist a guide to strengthen rural libraries in library cooperation.**  
 Hendricks, J. Thom; Case, Robert N.,  
 North Dakota State Library  
 Bismarck, N.D. : North Dakota State Library; 1988.  
 24 p. ; 28 cm. This is a modification of the original checklist written by Robert N. Case in 1980. Presented at 80th Annual Conference National Rural Education Association.  
*Language:* English  
*Descriptors:* Library information networks; Library cooperation; North Dakota
  
- 7 NAL Call No: Z675.V7R8  
**Bookmobile service reexamined (Rural library services, Ohio).**  
 Philip, J.J.  
 Clarion, Pa., Center for the Study of Rural Librarianship, Clarion State College; Winter 1982.  
 Rural libraries v. 2 (1): p. 45-50; Winter 1982.  
*Descriptors:* Ohio
  
- 8 NAL Call No: Z675.V7R8  
**Bookmobiles and books by mail: not an either or proposition (Rural America).**  
 Caupp, N.  
 Clarion : Center for the Study of Rural Librarian-

## Quick Bibliography Series

ship, Clarion State College; 1983.

Rural libraries v. 3 (1): p. 43-60; 1983. Includes references.

*Language:* English

*Descriptors:* USA

**9** NAL Call No: Z686.P83  
**Bookmobiles, the tradition in Kentucky.**

Hellard, E.

Chicago, Ill. : Public Library Association; 1984.

Traditional & non-traditional delivery systems for remote areas : proc of the Public Library Assoc, Small and Medium-sized Libraries Section, Rural Library Services Comm, American Library Assoc Annual Conf, Los Angeles, 1983. p. 5-11; 1984.

*Language:* English

*Descriptors:* Kentucky; Rural areas; Libraries; Information dissemination; Funds; Usage

**10** NAL Call No: Z675.V7R464  
**Books-by-mail hints.**

Hales, J.D.

Chicago, Ill. : Public Library Association; 1982.

Research and reality : library services to rural populations. p. 45-47; 1982.

*Language:* English

*Descriptors:* U.S.A.; Books; Information dissemination; Program development; Innovations; Rural areas; Catalogs

**11** NAL Call No: KF27.G6629 1990b  
**Bringing the information age to rural America hearings before the Government Information, Justice, and Agriculture Subcommittee of the Committee on Government Operations, House of Representatives, One Hundred First Congress, first and second sessions. June 14; October 12, 1989; and February 7, 1990.**

United States. Congress. House. Committee on Government Operations. Government Information, Justice, and Agriculture Subcommittee Washington [D.C.] : U.S. G.P.O. : For sale by the Supt. of Docs., Congressional Sales Office, U.S. G.P.O.; 1991: Y 4.G 74/7:In 3/23.

iv, 400 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Shipping list no.: 91-374-P. Includes bibliographical references.

*Language:* English

*Descriptors:* Rural telecommunication; Telecommunication policy

**12** NAL Call No: Z675.V7R8  
**Calendar promotes reading and the rural library.**

Riley, J.M.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion State College; 1983.

Rural libraries v. 3 (2): p. 21-23; 1983.

*Language:* English

**13** NAL Call No: Z675.V7R8  
**Challenges of the rural environment: implications for public libraries.**

Heasley, D.K.; Price, D.A.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion State College; 1988.

Rural libraries v. 8 (2): p. 7-29; 1988. Includes references.

*Language:* English

*Descriptors:* Pennsylvania; Libraries; Public services; Rural areas; Rural communities; Population dynamics; Information needs; Literacy

**14** NAL Call No: Z675.V7R8  
**The changing dimensions of rural America: so what?**

Heasley, D.K.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1989.

Rural libraries v. 9 (2): p. 7-26; 1989. Paper presented at a conference "Information and Rural Economic Development," jointly sponsored by the Center for the Study of Rural Librarianship and the National Agricultural Library, May 4-6, 1988, Clarion, Pennsylvania. Includes references.

*Language:* English

*Descriptors:* North eastern states of U.S.A.; Libraries; Rural areas; Information services; Trends

**15** NAL Call No: 280.8 J822  
**Changing rural development data needs.**

Bonnen, J.T.; Nelson, G.L.

Lexington, Ky., American Agricultural Economics Association; May 1981.

American journal of agricultural economics v. 63 (2): p. 337-345; May 1981. 19 ref.

*Descriptors:* Rural population; Statistical data; Information collection; Rural development; Policy; Information needs

## INFORMATION ACCESS IN RURAL AMERICA

*Abstract:* Extract: It is the conclusion of this paper that the inadequacies of the rural data base are part of a complex problem of circular causation. The lack of coherence that characterizes the current data base is due to a lack of coherence in rural development policy itself. The specification of data needs and design always arise out of use.

16 NAL Call No: 280.8 J822  
**Changing rural development data needs: discussion.**

Emerson, P.M.  
 Lexington, Ky., American Agricultural Economics Association; May 1981.  
 American journal of agricultural economics v. 63 (2): p. 361-362; May 1981. 3 ref.

*Descriptors:* Rural population; Data; Information needs; Information collection

17 NAL Call No: Z675.V7R8  
**Clarion County information and referral: a rural information center (Pennsylvania, procedures).**

Head, P.A.  
 Clarion, Pa., Center for the Study of Rural Librarianship, Clarion State College; Winter 1982.  
 Rural libraries v. 2 (1): p. 27-36; Winter 1982.

*Descriptors:* Pennsylvania

18 NAL Call No: S451.M9M9  
**Closing the medical information gap between rural communities (Montana Health Sciences Information Network).**

Northcutt, G.  
 Bozeman : The Service; Winter 1983.  
 Focus on Montana agriculture - Cooperative Extension Service. Montana State University v. 5 (1): p. 12-13. ill; Winter 1983.

*Language:* English

*Descriptors:* Montana

19 NAL Call No: Z675.V7R8  
**Communications, the future, and the rural public library.**

Bish, S.  
 Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion State College; 1983.  
 Rural libraries v. 3 (2): p. 25-35; 1983. Includes references.

*Language:* English

20 NAL Call No: 100 M36S no.56  
**Community aspects of library planning.**

Galloway, Robert E.; Houser, Paul Michael, 1910-; Hoffsommer, Harold C.  
 College Park, Md. : University of Maryland, Agricultural Experiment Station; 1951.  
 32 p. : ill., maps ; 23 cm. (Bulletin A / University of Maryland, Agricultural Experiment Station ; no. 56). A study of social organization in relation to county public library planning in Prince Georges County, Maryland.

*Language:* English

*Descriptors:* Library planning; Rural libraries; Maryland

21 NAL Call No: Z675.V7R8  
**Community development: the role of the rural librarian.**

Hershey D.R.  
 Clarion, Penn., Center for the Study of Rural Librarianship, School of Library Science, Clarion State College; Winter 1980.  
 Rural libraries v. 1 (1): p. 16-21; Winter 1980.

*Language:* ENGLISH

22 NAL Call No: S494.5.I47C66  
**Computer-based information systems and services for rural America.**

United States, Congress, House, Committee on Agriculture, Subcommittee on Department Operations, Research and Foreign Agriculture  
 Washington, D.C.? : s.n., 1982?; 1982.  
 20 leaves ; 28 cm. Cover title. May 19-20, 1982.  
 Bibliography: leaves 18-20.

*Language:* English

*Descriptors:* Agriculture; Information services; United States; Information services; United States

23 NAL Call No: 56.8 J822  
**Constructing a national, rural land transfer data base.**

Jacobs, H.M.; Moyer, D.D.  
 Ankeny, Iowa : Soil Conservation Society of America; 1986 Jul.  
 Journal of soil and water conservation v. 41 (4): p. 231-234. ill; 1986 Jul. Includes 26 references.

*Language:* English

*Descriptors:* U.S.A.; Land management; Land transfers; Rural areas; Data collection; National

## Quick Bibliography Series

planning; Land ownership; Usda; Surveys; Information services; Standards

**24** NAL Call No: Z675.V7R8  
**Consulting to rural public libraries: a survey of state library agencies.**

Griffith, L.M.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion State College; 1988.

Rural libraries v. 8 (2): p. 62-90; 1988.

*Language:* English

*Descriptors:* U.S.A.; Libraries; Rural areas; States; Surveys; Consultants

**25** NAL Call No: Z675.V7R8  
**Cooperation and rural libraries.**

Schmitt, J.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1990.

Rural libraries v. 10 (1): p. 7-29; 1990. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Cooperation; Libraries; Rural areas; Networking

**26** NAL Call No: HT401.R94  
**Cooperative extension at the beginning of the 21st century.**

Dillman, D.A.

University Park, Pa. : Rural Sociological Society; 1986 Mar.

The Rural sociologist v. 6 (2): p. 102-119; 1986 Mar. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Cooperative extension service; Fiscal policy; Extension activities; Rural communities; Information needs; Trends

**27** NAL Call No: Z675.V7R8  
**Cooperative opportunities for rural libraries (Services).**

Heddinger, L.

Clarion : Center for the Study of Rural Librarianship, Clarion State College; 1983.

Rural libraries v. 3 (1): p. 61-73; 1983. Includes references.

*Language:* English

**28** NAL Call No: QH540.I84  
**Data needs for rural planning.**

Haines-Young, R.H.

Huntingdon : Institute of Terrestrial Ecology; 1988.

ITE symposium (21): p. 110-111; 1988. In the series analytic: Rural information for forward planning / edited by R.G.H. Bruce and C.J. Barr.

*Language:* English

*Descriptors:* Rural planning; Information needs; Data analysis; Skills

**29** NAL Call No: Z675.V7R8  
**Developing a community information service in a rural setting (Public libraries).**

Bish, S.

Clarion : Center for the Study of Rural Librarianship, Clarion State College; 1983.

Rural libraries v. 3 (1): p. 25-42; 1983. Includes references.

*Language:* English

**30** NAL Call No: Z675.V7R464  
**The effect of publisher's book promotion on rural library use of interlibrary loan.**

Hennen, T.J. Jr

Chicago, Ill. : Public Library Association; 1982.

Research and reality : library services to rural populations. p. 49-57; 1982.

*Language:* English

*Descriptors:* Minnesota; Rural areas; Libraries; Usage; Publicity sales promotion; Loans; Networking; Public relations

**31** NAL Call No: Z671.L51  
**Farming: Serving the last minority (Building a library collection for rural areas).**

Hennen, T.J. Jr

New York, Library Journal, R. R. Bowker Co; 1978.

LJ special report (6): p. 46-50; 1978. Literature review. Bibliography p. 48-50.

*Language:* ENGLISH

*Descriptors:* USA

**32** NAL Call No: Z686.P83  
**Forward: Traditional & non-traditional delivery systems for remote areas.**

DeGruyter, M.L.

## INFORMATION ACCESS IN RURAL AMERICA

Chicago, Ill. : Public Library Association; 1984.  
Traditional & non-traditional delivery systems for remote areas : proc of the Public Library Assoc, Small and Medium-sized Libraries Section, Rural Library Services Comm, American Library Assoc Annual Conf, Los Angeles, 1983. p. 1-3; 1984.

*Language:* English

*Descriptors:* U.S.A.; Rural areas; Libraries; Technical progress; Services; Information dissemination

**33** **NAL Call No: S3.A32**  
**From adaptive research to farmer recommendations and extension advice.**

Byerlee, D.  
Barking, Essex : Elsevier Applied Science; 1987.  
Agricultural administration and extension v. 27 (4): p. 231-244; 1987. Includes references.

*Language:* English

*Descriptors:* Agricultural production; Agricultural research; Farmers' attitudes; Extension education; Information flow; Technology transfers; Rural development

**34** **NAL Call No: HT401.R94**  
**From cow chips to computer chips: rural North America in the information society.**

Freudenburg, W.R.; Jones, T.R.  
Ames, Iowa : Rural Sociological Society; 1984 May.  
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*Language:* English

*Descriptors:* North America; Rural sociology; Conferences; Communication

**35** **NAL Call No: Z686.P83**  
**From yesterday to tomorrow: an overview of delivery systems for rural public libraries.**

Owen, A.  
Chicago, Ill. : Public Library Association; 1984.  
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*Language:* English

*Descriptors:* Colorado; Montana; Utah; Wyoming; Rural areas; Libraries; Technical progress; Information dissemination; Rural environment; Services; Continuing education; Training; Program

development; Community programs

**36** **NAL Call No: Z675.V7R8**  
**The future of rural libraries.**

Vavrek, B.  
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Rural libraries v. 2 (1): p. 55-66; Winter 1982. 12 ref.

**37** **NAL Call No: S494.5.S95G46**  
**Gender, resource management and the rural landscape: implications for agroforestry and farming systems research.**

Rochelcau M, D.E.  
Boulder : Westview Press; 1988.  
Gender issues in farming systems research and extension / edited by Susan Poats, Marianne Schmink, and Anita Spring. p. 149-169. ill., maps; 1988. (Westview special studies in agricultural science and policy). An international conference hosted by the Women in Agricultural Development Program, February 26-March 1, 1986, University of Florida. Literature review. Includes references.

*Language:* English

*Descriptors:* Farming systems; Agroforestry; Female labor; Sex differences; Land use; Information flow

**38** **NAL Call No: Z679.5.G47**  
**Handbook for small, rural, and emerging public libraries.**

Gervasi, Anne; Seibt, Betty Kay  
Phoenix, AZ : Oryx Press; 1988.  
xii, 196 p. ; 23 cm. Includes bibliographies and index.

*Language:* English

*Descriptors:* Library planning; Handbooks, manuals, etc; Library administration; Handbooks, manuals, etc; Library science; Handbooks, manuals, etc; Public libraries; Handbooks, manuals, etc; Small libraries; Handbooks, manuals, etc; Rural libraries; Handbooks, manuals, etc

**39** **NAL Call No: DISS 70-3,821**  
**A historical study of the extension activities of the California State Library.**

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*Language:* ENGLISH

*Descriptors:* Library extension; California; Rural libraries; California

40 NAL Call No: Z675.V7R8  
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Mautino, P.

Clarion, Penn., Center for the Study of Rural Librarianship, School of Library Science, Clarion State College; Spring 1980.

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*Language:* ENGLISH

*Descriptors:* USA

41 NAL Call No: HD1755.A39 1988  
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Hoffman, G.

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*Language:* English

*Descriptors:* U.S.A.; Agricultural economics; Rural sociology; Income distribution; Data analysis; Databases; Information needs

42 NAL Call No: Z675.V7R8  
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Wilkinson, K.P.

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*Language:* English

*Descriptors:* Information services; Information centers; Rural areas; Social costs; Space requirements

43 NAL Call No: HT401.S72  
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Ikerd, J.E.

Mississippi State, Miss. : The Center; 1990 Jun. SRDC series - Southern Rural Development Center (131): p. 53-60; 1990 Jun. In the series analytic: Agricultural and Community Development Interface / edited by P.D. Warner and R. Campbell. Proceedings of Regional Workshop, October 8-11, 1989, Williamsburg, Virginia.

*Language:* English

*Descriptors:* Sustainability; Profitability; Rural communities; Economic development; Information needs; Education; Development policy

44 NAL Call No: Z675.V7R8  
Information exchange and rural libraries.

Leadley, S.M.

Clarion, Pa., Center for the Study of Rural Librarianship, Clarion State College; Winter 1982. Rural libraries v. 2 (1): p. 15-26; Winter 1982. 1 ref.

45 NAL Call No: HT421.S63  
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Harmon, B.; Krile, J.F.

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*Language:* English

*Descriptors:* Minnesota; Rural communities; Information needs

46 NAL Call No: aHM141.C6 1984  
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Wellar, B.S.

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*Language:* English

*Descriptors:* U.S.A.; Rural planning; Information needs; Public authorities; Decision making; Capacity; Diversification; Support systems

47 NAL Call No: Audiocassette no.72

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American Society for Information Science  
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*Language:* English

*Descriptors:* Rural libraries; United States; Farm life; United States; Community information services; United States; Communication in rural development; United States

### 48 NAL Call No: aHD1476.U5S2 Information needs relating to small-farm programs and policies.

Saupe, William E.

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Washington Economics, Statistics, and Cooperatives Service; 1980.

ii, 38 p. Report prepared for the Economics, Statistics, and Cooperatives Service under contract no. 53-319S-9-02658. ESCS Staff Report. Issued July 1980. Bibliography: p. 31-38. For limited distribution.

*Language:* ENGLISH

*Descriptors:* Farms, Small; United States; Rural poor

### 49 NAL Call No: 100 M693 (3) no.581 Information seeking habits and characteristics of farm operators based on a study conducted in northeast Missouri.

Lionberger, Herbert F.

Columbia, Mo. : University of Missouri, College of Agriculture, Agricultural Experiment Station; 1955.

53 p. : ill., 1 map ; 23 cm. (Research bulletin / University of Missouri, Agricultural Experiment Station ; 581). Includes bibliographical references.

*Language:* English

*Descriptors:* Missouri; Rural conditions; Agriculture; Information services; Missouri

### 50 NAL Call No: HD77.5.U5N37 1987 Information technologies and rural development in the 1990s.

Dillman, D.A.; Beck, D.M.

Lexington, KY : Council of State Governments;

1988.

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*Language:* English

*Descriptors:* U.S.A.; Rural development; Information systems; Socioeconomic organization; Trends; Technical progress; Rural environment; Computers; Infrastructure; Telecommunications; Human resources; Resource development

### 51 NAL Call No: HN90.C6S9 1987 Information technologies and rural development in the 1990s.

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S.l. : The Council?, 1987? :; 1987.

Proceedings, Symposium on the Rural Great Plains of the Future ; November 3-5, 1987, Denver, Colorado / sponsored by Great Plains Agricultural Council ... [et al.]. p. 275-320. ill; 1987. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Rural development; Technical progress; Information systems; Innovation adoption; Structural change; Rural communities; Information needs; Information sources; Information dissemination

### 52 NAL Call No: S494.5.I47I545 Information technology in agriculture, food and rural development proceedings of a conference held in Dublin, 19 and 20 April 1988. (Agriculture, information technology in agriculture, food and rural development.)

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*Language:* English

*Descriptors:* Agriculture; Food industry and trade; Rural development

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Epstein, B.

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*Language:* English

*Descriptors:* Arizona; Health services; Information services; Rural areas; Telephones; Extension activities

**54** **NAL Call No: Z675.V7R8**  
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Vasey, B.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1989.

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*Language:* English

*Descriptors:* U.S.A.; Libraries; Universities; Information services; Rural areas; Educational programs; Adult education; Program evaluation

**55** **NAL Call No: HD5710.85.U5D5**  
**Is being rural a barrier to job creation in the information age?**

Dillman, Don A.; Beck, Donald M.; Allen, John C., 1942-; Beck, Donald M.; Allen, John C., 1988; 1988.

25 leaves : ill. ; 28 cm. Caption title. November 1988. Bibliography: leaves 24-25.

*Language:* English

*Descriptors:* Manpower policy, Rural; United States; Rural development; United States

**56** **NAL Call No: aZ675.V7J6**  
**Joint congressional hearing on the changing information needs of rural America the role of libraries and information technology : July 21, 1982. (Changing information needs of rural America Role of libraries and information technology.)**

United States, Dept. of Agriculture, United States, National Commission on Libraries and Information Science, United States, Congress, Senate, Committee on Agriculture, Nutrition, and Forestry, Subcommittee on Rural Development, Oversight, and Investigations, United States, Congress, House, Committee on Agriculture, Subcommittee on Department Operations, Research,

and Foreign Agriculture

Washington, D.C. : U.S. Dept. of Agriculture : National Commission on Libraries and Information Science; 1984.

ix, 83 p. : ill., forms ; 28 cm. Cover title. Hearings cochaired by Senator Mark Andrews, chairmen of the Senate Subcommittee on Rural Development, Oversight, and Investigations; and Representative George E. Brown, Jr., chairman of the House Subc. Issued August 1984. Includes bibliographical references.

*Language:* English

*Descriptors:* Rural libraries; United States; Community information services; United States; Federal aid to libraries; United States; Information services; United States

**57** **NAL Call No: Z675.V7R8**  
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*Language:* English

**58** **NAL Call No: Z675.V7R8**  
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Jaugstetter, M.

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*Language:* English

**59** **NAL Call No: HD256.L362**  
**Land use transition in urbanizing areas research and information needs.**

Heimlich, Ralph E.

Farm Foundation (Chicago, Ill.), United States, Dept. of Agriculture, Economic Research Service Washington, D.C. : The Farm Foundation in cooperation with Economic Research Service, U.S. Dept. of Agriculture; 1989.

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D.C., June 6-7, 1988", Cover. Includes bibliographical references.

*Language:* English

*Descriptors:* Land use, Rural; United States; Urbanization; United States

**60** **NAL Call No: Z675.V7R8**  
**Leisure reading or information center. What is the library's role?**

Reynolds, D.B. Jr

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1991.

Rural libraries v. 11 (1): p. 7-23; 1991. Includes references.

*Language:* English

*Descriptors:* Libraries; Roles; Rural communities; Diffusion of information

**61** **NAL Call No: Z675.V7R8**  
**Library continuing education needs in Kansas: the rural perspective.**

Starke, N.A.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion State College; 1988.

Rural libraries v. 8 (1): p. 39-70; 1988. Includes references.

*Language:* English

*Descriptors:* Kansas; Libraries; Continuing education; Librarianship; Educational planning; Needs assessment

**62** **NAL Call No: Z719.L5**  
**Library cooperation for rural libraries a basic bibliography.**

Hendricks, J. Thom

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Bismarck, N.D. : North Dakota State Library? 1988?; 1988.

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*Language:* English

*Descriptors:* Library cooperation

**63** **NAL Call No: 1 Ag84F no.2142**  
**Library service for rural people.**  
American Library Association

Washington, D.C. : U.S. Dept. of Agriculture; 1959.

[22] p. : ill. ; 23 cm. (Farmers' bulletin / United States Department of Agriculture ; no. 2142). Cover title. Bibliography: p. [21].

*Language:* English

*Descriptors:* Rural libraries

**64** **NAL Call No: 1 Ag84F no.2142 1963**  
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Smith, Hannis S.

American Library Association

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*Language:* English

*Descriptors:* Library service; Rural libraries

**65** **NAL Call No: Fiche S-70 no.2142 1963**  
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Washington, D.C. : U.S. Dept. of Agriculture; 1963, reprinted 1980.

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*Language:* English

**66** **NAL Call No: Z675.V7H4**  
**Library services to farmers.**

Hennen, Thomas J.

American Library Trustee Association.

Chicago American Library Trustee Association, American Library Association; 1981.

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*Language:* English

*Descriptors:* Rural libraries; United States

**67** **NAL Call No: Z675.V7R8**  
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LaClair, C.

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*Language:* English

*Descriptors:* Libraries; Rural communities; Information needs; Public services

**68** **NAL Call No: Z675.V7R8**  
**A lifetime of learning (Includes rural library service, Pennsylvania).**

Albrecht, L.K.

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Rural libraries v. 1 (1): p. 73-83; Winter 1980. 5 ref.

*Language:* ENGLISH

*Descriptors:* Pennsylvania

**69** **NAL Call No: Z675.V7R8**  
**Making the rural library part of the community.**

Ruccio, N.C.

Clarion, Penn., Center for the Study of Rural Librarianship, School of Library Science, Clarion State College; Winter 1980.

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*Language:* ENGLISH

**70** **NAL Call No: HN90.C6N6**  
**Managing local finances: information needs and the roles of extension and research.**

Reid, J.N.; Burke, E.

Ithaca, N.Y. : The Center, Cornell University; 1984 Apr.

Publication - Northeast Regional Center for Rural Development (35): p. 1-16; 1984 Apr. Paper presented at a Conference on "Local Government Finance Policy & Financial Management: Extension and Research Perspectives for the 1980's," Sept. 26-28, 1983, Walber's on the Delaware. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Local government; Financial planning; Roles; Extension activities; Rural areas; Community development; Rural development; Planning of research; Development policy

**71** **NAL Call No: Z675.V7R8**  
**Materials grants for California's rural libraries.**

Amend, J.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion State College; 1988.

Rural libraries v. 8 (2): p. 19-24; 1988. Includes statistical data.

*Language:* English

*Descriptors:* California; Libraries; Rural areas; Materials; Grants; Fiscal policy; State government

**72** **NAL Call No: HT421.S63**  
**More TV and radio, fewer newspapers: Are rural areas left behind in the age of information?**

Donohue, G.A.; Olien, C.N.; Tichenor, P.J.

St. Paul, Minn. : The Service; 1987-1988.

Sociology of rural life - Minnesota University, Agricultural Extension Service v. 9 (4): p. 1-2, 7-8; 1987-1988. Includes references.

*Language:* English

*Descriptors:* Minnesota; Rural development; Information needs; Newspapers; Television; Radio; Structural change; Rural urban relations; Information dissemination

**73** **NAL Call No: HD1773.A2N6**  
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Day, L.M.

Amherst, The Council; Oct 1978.

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*Language:* English

*Descriptors:* Agricultural research; Priorities; Information needs; Decisionmaking; Planning

**74** **NAL Call No: Z675.V7R464**  
**The national rural libraries reference survey: a preliminary report.**

Head, J.W.

Chicago, Ill. : Public Library Association; 1982.

Research and reality : library services to rural populations. p. 19-23; 1982.

*Language:* English

*Descriptors:* U.S.A.; Rural areas; Libraries; Reference works; Services; National surveys; Isolation; Technical progress; Information dissemination; Usage

**75** **NAL Call No: Z675.V7R8**  
**"New history" in the countryside: material culture, local history, and the role of the rural library.**

Sims, S.R.



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*Language:* ENGLISH

76 NAL Call No: Z686.P83  
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Engen, R.B.

Chicago, Ill. : Public Library Association; 1984.  
Traditional & non-traditional delivery systems for remote areas : proc of the Public Library Assoc, Small and Medium-sized Libraries Section, Rural Library Services Comm, American Library Assoc Annual Conf, Los Angeles, 1983. p. 13-25; 1984.

*Language:* English

*Descriptors:* Alaska; Rural areas; Libraries; Isolation; Services; Networking; Information dissemination; Satellites; Technical progress

77 NAL Call No: Z675.V7R8  
**OCLC and rural library service.**

Walters, C.R.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1989.

Rural libraries v. 9 (2): p. 69-83; 1989. Paper presented at a conference "Information and Rural Economic Development," jointly sponsored by the Center for the Study of Rural Librarianship and the National Agricultural Library, May 4-6, 1988, Clarion, Pennsylvania.

*Language:* English

*Descriptors:* U.S.A.; Information services; Libraries; Rural areas; Information needs; Support systems

78 NAL Call No: aHM141.C6 1984  
**OECD conference: Local leadership and rural development, implications for extension.**

Timmons, J.D.

Paris, France : Organization for Economic Cooperation and Development; 1984.

Local leadership and rural development : implications for research and extension : a Conference on "Local Leadership and Rural Development" held at Williamsburg, Va, April 15, 1984 / the OECD with the USDA and Va Ext Serv. p. 5-7. ill; 1984.

*Language:* English

*Descriptors:* U.S.A.; Rural development; Structural change; Capacity; Appropriate technology; Information needs; Technology transfers; Extension activities

79 NAL Call No: aHM141.C6 1984  
**OECD conference: Local leadership and rural development, implications for research.**

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Paris, France : Organization for Economic Cooperation and Development; 1984.

Local leadership and rural development : implications for research and extension : a Conference on "Local Leadership and Rural Development" held at Williamsburg, Va, April 15, 1984 / the OECD with the USDA and Va Ext Serv. p. 3-4. ill; 1984.

*Language:* English

*Descriptors:* U.S.A.; Rural development; European communities; Oecd; Planning of research; Information needs; Structural change; Appropriate technology

80 NAL Call No: Z675.V7R464  
**Opening remarks: Research and reality, laboratory service to rural populations.**

Houlahan, J.

Chicago, Ill. : Public Library Association; 1982.

Research and reality : library services to rural populations. p. 1-2; 1982.

*Language:* English

*Descriptors:* U.S.A.; Rural areas; Libraries; Research; Services; Information dissemination; Roles

81 NAL Call No: Z675.V7R8  
**Outhouse displays: a rural library bonanza (Public relations).**

Tourtillotte, M.

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Rural libraries v. 3 (1): p. 13-23; 1983. Includes references.

*Language:* English

82 NAL Call No: Z675.V7R8  
**Planning for rural library service.**

Ruccio, N.C.

Clarion, Penn., Center for the Study of Rural Librarianship, School of Library Science, Clarion

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State College; Summer 1980.  
Rural libraries v. 1 (3): p. 53-59. ill; Summer 1980.

*Language:* ENGLISH

**83** **NAL Call No: Z675.V7R8**  
**Planning multitype services in a rural environment.**

Stephens, A.K.; Wright, K.D.  
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Rural libraries v. 10 (2): p. 25-44; 1990. Includes references.

*Language:* English

*Descriptors:* Alabama; Libraries; Information services; Rural environment; Needs assessment; Program development

**84** **NAL Call No: Z675.V7R8**  
**The planning process, is it for me? (Rural libraries, services).**

Ruccio, N.C.  
Clarion, Penn., Center for the Study of Rural Librarianship, School of Library Science, Clarion State College; Fall 1980.  
Rural libraries v. 1 (4): p. 45-87; Fall 1980.

**85** **NAL Call No: Z675.V7R8**  
**"Please, no sales person" or survey of audiovisual material in rural libraries.**

Emert, A.A.  
Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1989.  
Rural libraries v. 9 (1): p. 61-83; 1989. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Audiovisual aids; Libraries; Rural areas; Surveys; Funds; Facilities; Availability

**86** **NAL Call No: HD256.L362**  
**A policy forum: information needs in the urbanization of rural land.**

Hiemstra, H.  
Washington, D.C. : The Farm Foundation in cooperation with ERS, USDA; 1989.

Land use transition in urbanizing areas : research and information needs / edited by Ralph Heimlich. p. 115-125; 1989. Paper presented at a workshop sponsored by the Economic Research Service, USDA and the Farm Foundation, June 6-7, 1988, Washington, DC.

*Language:* English

*Descriptors:* U.S.A.; Agricultural land; Land policy; Urbanization; Information needs; Local government

**87** **NAL Call No: Z675.V7R8**  
**The political process in rural america (Public libraries).**

Speer, R.  
Clarion : Center for the Study of Rural Librarianship, Clarion State College; 1982.  
Rural libraries v. 2 (2): p. 1-27; 1982. 50 ref.

*Language:* English

*Descriptors:* USA

**88** **NAL Call No: Z675.V7R464**  
**Preface: Research and reality, library services to rural populations.**

Weech, T.L.  
Chicago, Ill. : Public Library Association; 1982.  
Research and reality : library services to rural populations. p. i-ii; 1982.

*Language:* English

*Descriptors:* U.S.A.; Rural areas; Libraries; Research; Services; Information dissemination

**89** **NAL Call No: Z686.P83**  
**Preface: Traditional & non-traditional delivery systems for remote areas.**

Coffindaffer, C.L.  
Chicago, Ill. : Public Library Association; 1984.  
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*Language:* English

*Descriptors:* U.S.A.; Rural areas; Libraries; Technical progress; Telecommunications; Television

**90** **NAL Call No: Z675.V7R8**  
**A preliminary survey of library board trustees from four libraries in Pennsylvania.**

Lynch, T.P.

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Rural libraries v. 7 (2): p. 61-97; 1987. Includes references.

*Language:* English

*Descriptors:* Pennsylvania; Libraries; Surveys; Managers; Rural areas

91 NAL Call No: S494.5.I47S45 1984  
**Proceedings of the Seminar on Scientific and Technical Information for Agricultural and Rural Development Montpellier, France, 17-21 December 1984.**

Centre technique de cooperation agricole et rurale, France, Groupe de recherche et d'echanges technologiques, France, Groupement d'etudes et de recherches pour le developpement de l'agronomie tropicale

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*Language:* English; French

*Descriptors:* Agriculture; Information services; Congresses; Communication in agriculture; Congresses; Rural development; Information services; Congresses; Communication in rural development; Congresses

92 NAL Call No: HN79.A14R87  
**Project to fill rural information gap.**

Korsching, P.

Ames, Iowa : North Central Regional Center for Rural Development; 1988 Jul.

Rural development news v. 12 (3): p. 15. ill; 1988 Jul.

*Language:* English

*Descriptors:* U.S.A.; Rural development; Social change; Farm families; Information dissemination; Community development

93 NAL Call No: Z675.V7R8

**Public awareness in rural libraries.**

McMorran, C.E.

Clarion, Pa., Center for the Study of Rural Librarianship, Clarion State College; Winter 1982.  
Rural libraries v. 2 (1): p. 51-53; Winter 1982.

94 NAL Call No: 100 M66 (2) no.463  
**Public knowledge and attitudes regarding a rural Minnesota library system.**

Taves, Marvin J.

St. Paul, Minn. : Agricultural Experiment Station, University of Minnesota; 1963.

44 p. : ill., charts, forms, maps ; 23 cm. (Station bulletin / Agricultural Experiment Station, University of Minnesota ; 463). Caption title. Includes bibliographical references.

*Language:* English

*Descriptors:* Rural libraries; Minnesota

95 NAL Call No: Z675.V7R8  
**Public relations and the rural library: a bibliography.**

Quadri, N.

Clarion : Center for the Study of Rural Librarianship, Clarion State College; 1982.

Rural libraries v. 2 (2): p. 103-124; 1982.

*Language:* English

96 NAL Call No: Z675.V7R8  
**Public-school library cooperation in rural America, a view from the state level.**

Brumback, E.L.

Clarion, Penn., Center for the Study of Rural Librarianship, School of Library Science, Clarion State College; Spring 1980.

Rural libraries v. 1 (2): p. 37-47; Spring 1980.

*Language:* ENGLISH

*Descriptors:* USA

97 NAL Call No: Z675.V7R8  
**The realities of collection building in the rural public library.**

Goodger-Hill, C.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion State College; 1988.

Rural libraries v. 8 (1): p. 25-31; 1988.



## Quick Bibliography Series

*Language:* English

*Descriptors:* Rural areas; Libraries; Collections; Development; Fiscal policy

**98** NAL Call No: TK5101.B52  
**Reducing isolation telecommunications and rural development : the sixth Arkleton lecture.**  
Black, John B.  
Oxford, UK : Arkleton Trust at Enstone; 1987.  
23 p. ; 21 cm. Ref: 87/2/E.

*Language:* English

*Descriptors:* Information services; England; East Lindsey; Information services; Great Britain; Case studies; Telecommunication; England; East Lindsey; Telecommunication; England; Case studies; Rural development; England; East Lindsey; Community information services; England; East Lindsey

**99** NAL Call No: Z675.C8V38  
**Reference service in rural public libraries.**  
Vavrek, Bernard  
Clarion State College, Center for the Study of Rural Librarianship.  
Clarion, Pa. School of Library Science, Center for the Study of Rural Librarianship, Clarion State College; 1982.  
i, 68 p. : ill. ; 28 cm. November 15, 1982. Bibliography: p. 58-60.

*Language:* English

*Descriptors:* Rural libraries; United States; Public libraries; United States; Reference services; Information services; United States; Library surveys; United States

**100** NAL Call No: Z675.V7R464  
**Research & reality: comments on the three research papers.**  
Hales, J.D. Jr  
Chicago, Ill. : Public Library Association; 1982.  
Research and reality : library services to rural populations. p. 41-44; 1982.

*Language:* English

*Descriptors:* U.S.A.; Rural areas; Libraries; Information needs; Needs assessment

**101** NAL Call No: Z675.V7R464  
**Research and reality library services to rural populations.**  
Public Library Association, Public Library Associ-

ation, Rural Library Services Committee, American Library Association, Conference 1982 : Philadelphia, Pa.)  
Chicago, Ill. : Public Library Association; 1982.  
ii, 57 p. ; 28 cm. Cover title. Proceedings of the Public Library Association, Small [and] Medium-sized Libraries Section, Rural Library Services Committee, American Library Association Annual Conference, Philadelphia, 1982. Includes bibliographies.

*Language:* English

*Descriptors:* Rural libraries; Congresses

**102** NAL Call No: aZ733.N3A54  
**RIC assists rural economic development.**  
John, P.L.  
Beltsville, Md. : The Library; 1989 May.  
Agricultural libraries information notes - National Agricultural Library (U.S.), Science and Education Administration, U.S. Department of Agriculture v. 15 (5): p. 9-10. ill; 1989 May.

*Language:* English

*Descriptors:* U.S.A.; Libraries; Networking; Rural development; Support measures; Information services

**103** NAL Call No: aZ733.N3A54  
**RIC completes first year.**  
Beltsville, Md. : The Library; 1989 Jan.  
Agricultural libraries information notes - National Agricultural Library (U.S.), Science and Education Administration, U.S. Department of Agriculture v. 15 (1): p. 4-5. ill; 1989 Jan.

*Language:* English

*Descriptors:* Maryland; Rural communities; Information centers; Usda; Conferences; Cooperative extension service

**104** NAL Call No: HN90.C6R73  
**Rural America at the crossroads networking for the future.**  
United States, Congress, Office of Technology Assessment  
Washington, D.C. : Congress of the U.S., Office of Technology Assessment : For sale by the Supt. of Docs., U.S. G.P.O.; 1991.  
vii, 190 p. : ill., maps ; 26 cm. "April 1991", P. [4] of cover. "OTA-TCT-471", P. [4] of cover. Includes bibliographical references and index.

*Language:* English

## INFORMATION ACCESS IN RURAL AMERICA

*Descriptors:* United States; Rural conditions; Rural development; Rural telecommunication; Information networks

**105** NAL Call No: HN90.C6R75  
**Rural America in the information age telecommunications policy for rural development.**

Parker, Edwin B.

Lanham, MD : Aspen Institute ; University Press of America; 1989.

xvi, 170 p. : ill., maps ; 24 cm. Includes bibliographical references (p. 167-170).

*Language:* English

*Descriptors:* Rural development; United States; Rural telecommunication; United States

**106** NAL Call No: Z675.C8R8  
**Rural and small library services newsletter.**

Clarion University of Pennsylvania, Center for the Study of Rural Librarianship

Clarion, PA : Center for the Study of Rural Librarianship, College of Library Science, Clarion University of Pennsylvania, 1990-; 1990-9999.

v. ; 29 cm. Caption title.

*Language:* English

*Descriptors:* Rural libraries; Public libraries

**107** NAL Call No: aHN90.C6R78  
**Rural barriers to job creation remain, even in today's information age.**

Dillman, D.A.; Beck, D.M.; Allen, J.C.

Washington, D.C. : U.S. Department of Agriculture, Economic Research Service; 1989 Feb.

Rural development perspectives : RDP v. 5 (2): p. 21-27. maps; 1989 Feb.

*Language:* English

*Descriptors:* U.S.A.; Information flow; Rural economy; Employment opportunities; Information services; Telecommunications; Infrastructure; Structural change; Rural development; Technical progress

**108** NAL Call No: Z686.R82  
**The Rural bookmobile going strong after eighty years : conference proceedings.**

Vavrek, Bernard; Pratt, Mary Lou

Clarion University of Pennsylvania, Center for the Study of Rural Librarianship, State Library of Ohio  
Clarion, Pa.? : Center for the Study of Rural Librarianship, College of Library Science, Clarion University of Pennsylvania in cooperation with the

State Library of Ohio; 1986.

121 p. ; 27 cm. Proceedings of a conference, "The Rural Bookmobile: Going Strong After Eighty Years," held in Columbus, Ohio, on June 19-21, 1985.

*Language:* English

*Descriptors:* Rural libraries; Congresses; Bookmobiles; Congresses

**109** NAL Call No: Z686.R8  
**The Rural bookmobile quality as a basic ingredient : conference proceedings.**

Vavrek, Bernard; Pratt, Mary Lou

Rural Bookmobile Conference 2nd : 1986 : Columbus, Ohio.

Clarion, Pa.? : Center for the Study of Rural Librarianship, College of Library Science, Clarion University of Pennsylvania in cooperation with the State Library of Ohio; 1987.

160 p. ; 28 cm. "... Second Annual Rural Bookmobile Conference: quality as a basic ingredient held in Columbus, Ohio, on June 18-20, 1986". Pref.

*Language:* English

*Descriptors:* Bookmobiles; Congresses; Rural libraries; Congresses

**110** NAL Call No: Z675.V7R8  
**Rural campaign on illiteracy: the region, the technical institutes and the libraries.**

Klevar, G.; Smith, M.A.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion State College; 1988.

Rural libraries v. 8 (1): p. 33-38; 1988.

*Language:* English

*Descriptors:* U.S.A.; Libraries; Rural areas; Literacy; Adult learning

**111** NAL Call No: Z675.V7R8  
**The rural environments effects on library service: a consultants perspective.**

Hanks, G.C.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1990.

Rural libraries v. 10 (2): p. 7-23; 1990. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Libraries; Information services; Rural environment; Rural depopulation; Age

## Quick Bibliography Series

differences; Academic achievement; Poverty;  
Rural sociology; Rural communities

112 NAL Call No: Z675.V7R8  
**The rural family and its implications for librarians (Library service).**

Girvan, R.B.

Clarion : Center for the Study of Rural Librarianship, Clarion State College; 1982.

Rural libraries v. 2 (2): p. 45-51; 1982. 8 ref.

*Language:* English

113 NAL Call No: HT401.R94  
**The Rural Information Center.**

John, P.L.

University Park, Pa. : Rural Sociological Society; 1988 Apr.

The Rural sociologist v. 8 (2): p. 185-186; 1988 Apr.

*Language:* English

*Descriptors:* U.S.A.; Rural communities; Information centers; Information systems; Extension activities; Usda; Libraries

114 NAL Call No: Z675.V7R8  
**The Rural Information Center.**

John, P.L.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1989.

Rural libraries v. 9 (2): p. 61-67; 1989. Paper presented at a conference "Information and Rural Economic Development," jointly sponsored by the Center for the Study of Rural Librarianship and the National Agricultural Library, May 4-6, 1988, Clarion, Pennsylvania.

*Language:* English

*Descriptors:* U.S.A.; Information centers; Rural development; Libraries; Information services; Cooperative extension service; Partnerships

115 NAL Call No: 243.8 W69  
**The Rural Information Center.**

Frank, R.; John, P.

Bronx, N.Y. : H.W. Wilson Company; 1989 May. Wilson Library bulletin v. 63 (9): p. 40-43. ill; 1989 May. This publication is no longer received by the National Agricultural Library.

*Language:* English

*Descriptors:* U.S.A.; Rural development; Libraries; AgRicola; Information services; Cooperative extension service; Prototypes; Networking; Partnerships; Information systems

116 NAL Call No: aZ733.N3A54  
**Rural information center.**

Beltsville, Md. : The Library; 1988 Mar.

Agricultural libraries information notes - National Agricultural Library (U.S.), Science and Education Administration, U.S. Department of Agriculture v. 14 (3): p. 1-7. ill; 1988 Mar. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Rural planning; Information centers; Information dissemination; Trends; AgRicola

117 NAL Call No: 1.98 AG84  
**Rural Information Center.**

Washington, D.C. : The Administration; 1988 Feb. Agricultural research - U.S. Department of Agriculture, Agricultural Research Service v. 36 (2): p. 13; 1988 Feb.

*Language:* English

*Descriptors:* Rural areas; Information centers; Extension activities; Usda

118 NAL Call No: Z675.V7R8  
**The Rural Information Center: information needs for local rural officials.**

John, P.L.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1989.

Rural libraries v. 9 (2): p. 31-36; 1989. Paper presented at a conference "Information and Rural Economic Development," jointly sponsored by the Center for the Study of Rural Librarianship and the National Agricultural Library, May 4-6, 1988, Clarion, Pennsylvania.

*Language:* English

*Descriptors:* U.S.A.; Rural development; Libraries; Information needs; Information centers; Cooperative extension service; Networking; Partnerships; AgRicola

119 NAL Call No: HD2346.U5R8  
**Rural Information Center provides help for local officials.**

Menomonee Falls, Wis. : The Journal; 1989.

Rural enterprise v. 3 (1): p. 30; 1989.

## INFORMATION ACCESS IN RURAL AMERICA

*Language:* English

*Descriptors:* U.S.A.; Rural development; Information dissemination; Information centers; Usda; Extension activities

**120** **NAL Call No: Z675.V7R8**  
**The Rural Information Center's first year on the National scene.**

John, P.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1991.

Rural libraries v. 11 (1): p. 43-51; 1991.

*Language:* English

*Descriptors:* Maryland; Information centers; Rural development; Rural welfare; Rural planning; Libraries; Usda; Extension

**121** **NAL Call No: Audiocassette no.73**  
**The rural information market American Society for Information Science.**

American Society for Information Service  
 Oakland, Calif. : Minute Tape International, Inc.; 1984.

1 sound cassette (46 min) : 1 7/8 ips, mono. "Tape no. 122", label. "Philadelphia, Pa., October 1984 ; SIG sessions ; 122", container.

*Language:* English

*Descriptors:* Rural conditions; United States; Farm life; United States; Community information services; United States; Communication in rural development; United States

**122** **NAL Call No: Z675.V7R8**  
**Rural information needs.**

Fowler, D.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1989.

Rural libraries v. 9 (2): p. 27-30; 1989. Paper presented at a conference "Information and Rural Economic Development," jointly sponsored by the Center for the Study of Rural Librarianship and the National Agricultural Library, May 4-6, 1988, Clarion, Pennsylvania.

*Language:* English

*Descriptors:* Pennsylvania; Information needs; Rural areas; Cooperative extension service; 4-h clubs

**123**

**NAL Call No: Z675.V7R8**

**Rural information needs as seen by: Paul Weaver.**  
 Weaver, P.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1989.

Rural libraries v. 9 (2): p. 45-47; 1989. Paper presented at a conference "Information and Rural Economic Development," jointly sponsored by the Center for the Study of Rural Librarianship and the National Agricultural Library, May 4-6, 1988, Clarion, Pennsylvania.

*Language:* English

*Descriptors:* Pennsylvania; Rural areas; Information needs; Rural development; Information services

**124**

**NAL Call No: Z675.V7R8**

**Rural information needs as seen by: Ruth Anne Mears.**

Mears, R.A.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1989.

Rural libraries v. 9 (2): p. 37-43; 1989. Paper presented at a conference "Information and Rural Economic Development," jointly sponsored by the Center for the Study of Rural Librarianship and the National Agricultural Library, May 4-6, 1988, Clarion, Pennsylvania. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Rural population; Information needs; Information services; Information dissemination

**125**

**NAL Call No: Z675.V7R8**

**Rural librarianship: a new consciousness.**

Vavreck, B.

Clarion, Penn., Center for the Study of Rural Librarianship, School of Library Science, Clarion State College; Winter 1980.

Rural libraries v. 1 (1): p. 84-91; Winter 1980.

*Language:* ENGLISH

**126**

**NAL Call No: 1 Ag84F no.1559**

**Rural libraries.**

Nason, Wayne C.

Washington, D.C. : U.S. Dept. of Agriculture;

## Quick Bibliography Series

1928.

50 p. . ill. ; 23 cm. (Farmers' bulletin / United States Department of Agriculture ; no. 1559). Includes bibliographical references.

*Language:* English

*Descriptors:* Rural libraries

127

NAL Call No: Z675.V7R8

**Rural libraries: a selective annotated bibliography.**

Norell, I.P., ed

Clarion, Pa., Center for the Study of Rural Librarianship, Clarion State College; Winter 1982.

Rural libraries v. 2 (1): p. 67-105; Winter 1982.

128

NAL Call No: Z675.V7R8

**Rural libraries and information needs.**

Head, J.W.

Clarion, Penn., Center for the Study of Rural Librarianship, School of Library Science, Clarion State College; Summer 1980.

Rural libraries v. 1 (3): p. 21-27; Summer 1980.

*Language:* ENGLISH

129

NAL Call No: Z675.V7R8

**Rural libraries and the state library agencies: a survey from the center for the study of rural librarianship.**

Head, J.W.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion State College; 1988.

Rural libraries v. 8 (1): p. 7-17; 1988. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Libraries; Rural areas; State government; Public agencies; Surveys; Education; Training; Technology

130

NAL Call No: Z675.V7R8

**Rural libraries and the three T's, technical services, technology, and time.**

Gamaluddin, A.F.M.

Clarion, Pa., Center for the Study of Rural Librarianship, Clarion State College; Winter 1982.

Rural libraries v. 2 (1): p. 37-44; Winter 1982.

131

NAL Call No: Fiche S-70 no.1559

**Rural libraries [by Wayne C. Crocker].**

Nason, Wayne C.

Washington, D.C. : U.S. Dept. of Agriculture; 1928, reprinted 1980.

ii, 50 p. : ill. (Farmers' bulletin / United States Department of Agriculture ; no. 1559).

*Language:* English

132

NAL Call No: Z675.V7R8

**Rural Libraries v.1, no.1- Winter 1980.**

Center for the Study of Rural Librarianship.

Clarion, Penn. Center for the Study of Rural Librarianship, School of Library Science, Clarion State College; 1980.

. A forum for rural library service.

*Language:* ENGLISH

*Descriptors:* Rural libraries

133

NAL Call No: 1 Ag84F no.1847

**Rural library service.**

United States, Bureau of Agricultural Economics Washington, D.C. : U.S. Dept. of Agriculture; 1940.

ii, 28 p. : ill. ; 23 cm. (Farmers' bulletin / United States Department of Agriculture ; no. 1847). Supersedes Farmers' bulletin no. 1559, Rural libraries, by W.C. Nason. Facsimile of letter by Thomas Jefferson to John Wyche, leaf at end.

*Language:* English

*Descriptors:* Rural libraries

134

NAL Call No: 1 Ag84F no.1847 1949

**Rural library service., Rev. Apr. 1949.**

United States, Bureau of Agricultural Economics Washington, D.C. : U.S. Dept. of Agriculture; 1949.

ii, 32 p. : ill. ; 24 cm. (Farmers' bulletin / United States Department of Agriculture ; no. 1847). Originally issued Feb. 1940.

*Language:* English

*Descriptors:* Rural libraries; Libraries; Branches, delivery stations, etc

135

NAL Call No: Fiche S-70 no.1847 1949

**Rural library services [prepared in the Bureau of**

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**Agriculture Economics], Rev.**

Washington, D.C. : U.S. Dept. of Agriculture; 1949, reprinted 1980.

ii, 32 p. : ill. (Farmers' bulletin / United States Department of Agriculture ; no. 1847).

*Language:* English

136 NAL Call No: Z675.V7R8  
**The rural library: some recent research.**

Vavrek, B.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1989.

Rural libraries v. 9 (2): p. 85-95; 1989. Paper presented at a conference "Information and Rural Economic Development," jointly sponsored by the Center for the Study of Rural Librarianship and the National Agricultural Library, May 4-6, 1988, Clarion, Pennsylvania.

*Language:* English

*Descriptors:* Pennsylvania; Libraries; Rural areas; Surveys; Roles; Planning; Socioeconomic status

137 NAL Call No: Z675.V7R8  
**Rural medical libraries.**

Durante, M.A.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion State College; 1987.

Rural libraries v. 7 (2): p. 1-26; 1987. Includes references.

*Language:* English

*Descriptors:* Libraries; Rural areas; Medical research

138 NAL Call No: Z675.V7R464  
**Rural public libraries, the invisible institution.**

Weech, T.L.

Chicago, Ill. : Public Library Association; 1982.

Research and reality : library services to rural populations. p. 25-39; 1982. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Rural areas; Libraries; Services; Information dissemination; Usda; Research; Facilities; Literature reviews

139 NAL Call No: Z675.V7R8  
**Rural public library service to Native Americans.**

Hollaran, S.

Clarion, Pa. : Center for the Study of Rural

Librarianship, Clarion University of Pennsylvania; 1990.

Rural libraries v. 10 (1): p. 31-48; 1990. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Libraries; Rural areas; Information services; American Indians

140 NAL Call No: Z675.V7R8  
**Rural reading behavior and library usage: finding from a Pennsylvania survey.**

Willits, H.W.; Willits, F.K.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1991.

Rural libraries v. 11 (1): p. 25-42; 1991. Includes references.

*Language:* English

*Descriptors:* Pennsylvania; Libraries; Rural communities; Usage; Reading; Urban areas; Age differences; Family structure; Children; Academic achievement; Sex differences; Social participation

141 NAL Call No: 1.916 L612 no.39  
**Rural reading list.**

United States, Dept. of Agriculture, Library, United States, Dept. of Agriculture, Rural Library Committee

Washington, D.C. : U.S. Dept. of Agriculture Library; 1947.

39 p. ; 21 cm. (Library list / United States Department of Agriculture Library ; no. 39). Caption title. Includes index.

*Language:* English

*Descriptors:* Agriculture; Bibliography

142 NAL Call No: 100 W75 (2) no.66  
**Service institutions for town and country.**

Kolb, J. H.

Madison, Wis. : Agricultural Experiment Station of the University of Wisconsin, U.S. Dept. of Agriculture cooperating; 1925.

61, [3] p. : ill., maps ; 23 cm. (Research bulletin / University of Wisconsin, Agricultural Experiment Station ; 66). Cover title.

*Language:* English

*Descriptors:* Rural schools; Rural libraries; Hospitals, Rural

143 NAL Call No: HT401.R47



## Quick Bibliography Series

**Serving small community information needs through academic programs.**

Garkovich, L.

Greenwich, Conn. : JAI Press; 1985.

Research in rural sociology and development v. 2: p. 257-273; 1985. Literature review. Includes references.

*Language:* English

*Descriptors:* Communities; Information needs; Community development; Sociological method

**144 NAL Call No: Z675.V7R8**  
**Site selection for rural public libraries.**

Schott, V.O.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion State College; 1987.

Rural libraries v. 7 (2): p. 27-59; 1987. Includes references.

*Language:* English

*Descriptors:* Libraries; Rural areas; Sites

**145 NAL Call No: 281.28 R88**  
**The social impacts of information technologies in rural North America.**

Dillman, D.A.

Lexington, Ky. : The University of Kentucky; 1985. Rural sociology v. 50 (1): p. 1-26; 1985. Includes 62 references.

*Language:* English

*Descriptors:* U.S.A.; Information; Technology; Rural sociology; Information flow; Impact; Social behavior; Rural communities; Rural development

*Abstract:* Extract: Social implications of the increased use of information technologies in rural North America are analyzed, with particular attention to their consequences for human interaction, the traditional subject matter of rural sociology. First, the influence of technology on rural people's interaction patterns throughout this century is reviewed, and speculations are made about how those patterns will be changed by the increased use of information technologies. Second, the increased importance of information as an input into the production of goods and services is described against a background of the uncertainties that exist concerning the transition to an information age. Next, five features of the emerging rural information structure are described.

146

NAL Call No: Z675.V7R8

**Social theory and its application to the study of community analysis and the problems of the rural library.**

Norris, B.P.

Clarion, Penn., Center for the Study of Rural Librarianship, School of Library Science, Clarion State College; Winter 1980.

Rural libraries v. 1 (1): p. 22-31; Winter 1980. 4 ref.

*Language:* ENGLISH

**147 NAL Call No: 275.29 F22**  
**Sociological needs of farmers facing severe economic problems.**

Heffernan, W.D.; Heffernan, J.B.

Oak Brook, Ill. : Farm Foundation; 1986.

Increasing understanding of public problems and policies. p. 90-102; 1986. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Farm indebtedness; Rural sociology; Mental stress; Needs assessment; Public relations; Retraining of farmers; Capital taxation; Information needs

**148 NAL Call No: 280.8 J822**  
**Some concepts for measuring the economic value of rural data.**

Bullock, J.B.

Lexington, Ky., American Agricultural Economics Association; May 1981.

American journal of agricultural economics v. 63 (2): p. 346-352; May 1981. 15 ref.

*Descriptors:* Information collection; Statistical data; Information needs; Methodology; Evaluation

*Abstract:* Extract: The purpose of this paper is to examine the current state of theoretical and methodological approaches to valuing information systems and to identify some of the problems and issues that confront efforts to determine the economic value of information systems.

**149 NAL Call No: 280.8 J822**  
**Some concepts for measuring the economic value of rural data: discussion.**

Miller, T.A.

Lexington, Ky., American Agricultural Economics Association; May 1981.

American journal of agricultural economics v. 63 (2): p. 363-364; May 1981. 3 ref.

## INFORMATION ACCESS IN RURAL AMERICA

*Descriptors:* Rural areas; Data; Information needs; Information collection; Economic impact

**150** **NAL Call No: HD256.L362**  
**State and local concerns: information needs and local actions for protecting agricultural land.**

Bushwick, N.

Washington, D.C. : The Farm Foundation in cooperation with ERS, USDA; 1989.

Land use transition in urbanizing areas : research and information needs / edited by Ralph Heimlich. p. 15-28; 1989. Paper presented at a workshop sponsored by the Economic Research Service, USDA and the Farm Foundation, June 6-7, 1988, Washington, DC. Includes references.

*Language:* English

*Descriptors:* U.S.A.; Agricultural land; Public agencies; Information needs; Rural urban relations; Land policy; Land development

**151** **NAL Call No: aHN90.C6R78**  
**State data centers have information about rural areas in your state.**

Kavaliunas, J.C.

Washington, D.C. : U.S. Department of Agriculture, Economic Research Service; 1987 Jun.

Rural development perspectives : RDP v. 3 (3): p. 31-33; 1987 Jun.

*Language:* English

*Descriptors:* U.S.A.; Rural areas; Rural communities; Information centers; Censuses; Information sources; Information dissemination; Computer analysis; Maps

**152** **NAL Call No: Z675.V7R8**  
**Strategic planning for rural libraries: a California case.**

Grieshop, J.I.; Fretz, P.R.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1990.

Rural libraries v. 10 (2): p. 45-59; 1990. Includes references.

*Language:* English

*Descriptors:* California; Libraries; Information services; Rural environment; Planning; Needs assessment; Decision making; Community involvement; Case studies

**153** **NAL Call No: Z675.V7R464**  
**A study of rural library use.**

DeGruyter, L.

Chicago, Ill. : Public Library Association; 1982.

Research and reality : library services to rural populations. p. 4-17; 1982. Includes references.

*Language:* English

*Descriptors:* West Virginia; Rural areas; Libraries; Usage; Case studies; Research; Counties

**154** **NAL Call No: Z675.V7R8**  
**A survey of rural librarians on continuing education.**

Herb, S.

Clarion, Penn., Center for the Study of Rural Librarianship, School of Library Science, Clarion State College; Fall 1980.

Rural libraries v. 1 (4): p. 89-118; Fall 1980.

**155** **NAL Call No: Z686.P83**

**Traditional & non-traditional delivery systems for remote areas proceedings of the Public Library Association, Small and Medium-sized Libraries Section, Rural Library Services Committee, American Library Association Annual Conference, Los Angeles, 1983. (Traditional and non-traditional delivery systems for remote areas.)**

Public Library Association. Rural Library Services Committee; American Library Association, Conference 1983 : Los Angeles, Calif.)

Chicago, Ill. : Public Library Association; 1984.

i, 41 p. ; 28 cm. Cover title. Includes bibliographical references (p. 39-40).

*Language:* English

*Descriptors:* Rural Libraries; United States; Congresses; Libraries; Branches, delivery stations, etc; Congresses; Bookmobiles; Congresses; Library extension; Congresses

**156** **NAL Call No: Z675.V7T7**  
**Trends in humanities programming.**

Vavrek, Bernard; Whitney, Loralyn

Clarion University of Pennsylvania, Center for the Study of Rural Librarianship

Clarion, Pa. : College of Library Science, Center for the Study of Rural Librarianship, Clarion University of Pennsylvania; 1984.

i, 71 p. ; 28 cm. September 1, 1984. Includes bibliographical references.

*Language:* English



## Quick Bibliography Series

*Descriptors:* Rural libraries; Congresses; Humanities; Congresses

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Goe, W.R.

Columbia, Mo. : Rural Sociological Society; 1986 Mar.

The Rural sociologist v. 6 (2): p. 96-101; 1986 Mar. Includes references.

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**User studies: the human connection and the rural scene (Library services).**

Curran, C.; Barron, D.

Clarion, Penn., Center for the Study of Rural Librarianship, School of Library Science, Clarion State College; Winter 1980.

Rural libraries v. 1 (1): p. 32-41; Winter 1980. 11 ref.

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**The village library project Yukon-Kuskokwim delta, Alaska (Rural aspects).**

Hills, G.H.

Clarion, Pa. : Center for the Study of Rural Librarianship, Clarion State College; 1983.

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